

MARKED-UP VERSION TO SHOW CHANGES MADE

In the claims:

Please cancel claims 10-13 without prejudice.

Please amend claims 1 and 6 to read as follows:

1. (Once Amended) A gamma correction circuit, comprising:

a plurality of gamma correction lookup tables corresponding to a plurality of gamma values, wherein each of the plurality of lookup tables provides a set of output data in response to received input data; and

a gamma table selector[, wherein the gamma table selector] that automatically selects the set of output data corresponding to one of the plurality of lookup tables based on gamma selection information.

6. (Once Amended) A gamma correction block, comprising:

a gamma correction lookup table, wherein the gamma correction lookup table stores gamma correction data corresponding to a plurality of gamma correction curves, wherein the gamma correction lookup table provides a plurality of sets of gamma corrected data in response to a set of input data, wherein the plurality of sets of gamma corrected data includes a set of gamma corrected data for each of the plurality of gamma correction curves; and

a selection block operably coupled to the gamma correction lookup table, [wherein] such that the selection blocks automatically selects a selected set of gamma corrected data from the plurality of sets of gamma corrected data based on a gamma selection information.